Appln. No.: 10/049,717 Docket No.: 66302-031-7 Amdt. Dated Jan. 7, 2004

Reply to Office action of Oct. 7, 2003

IN THE CLAIMS:

- 1. (Canceled).
- 2. **(Currently amended)** A device according to claim 20, wherein the mould [[(31)]] is rectangular transverse to the casting direction.
 - (Canceled).
 - 4. (Canceled).
- 5. **(Currently amended)** A device according to claim 20, wherein the magnetic cores (25–28) are arranged with a space therebetween and the coil (36, 37) is positioned substantially right in front of said space.
- 6. **(Currently amended)** A device according to claim 20, wherein the yoke (32, 33) substantially defines a bar or plate, and the coil (36, 37) is wound around a centre portion (34, 35) of the bar or plate.
 - 7. (Canceled).
- 8. (Currently amended) A device according to claim 20, wherein the yoke (32, 33) comprises a portion (34, 35) which is detachable from the rest of the yoke (32, 33) and carries the coil (36, 37).
- 9. **(Currently amended)** A device according to claim 8, wherein the yoke (32, 33) defines a cradle arranged to receive the portion (34, 35) carrying the coil (36, 37) and allow displacement of said portion (34, 35) substantially vertically out of said cradle.
- 10. (**Currently amended**) A device according to according to claim 9, wherein the yoke (32, 33), in addition to said portion (34, 35) carrying the coil (36, 37), comprises two yoke parts (38, 39; 40, 41), arranged on opposite sides of this portion (34, 35), forming said cradle,

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and each having a surface (46, 47; 48, 49) adapted to abut against a respective magnetic core (25, 26; 27, 28).

- 11. **(Currently amended)** A device according to claim 20, wherein the yoke (32, 33) comprises at least one portion (42-45) detachably connected to the rest of the yoke (32, 33) and arranged to be detached for access of parts of the device which are arranged vertically under the electromagnetic brake.
- 12. (Currently amended) A device according to claim 11, wherein said portion (42-45) is a peripheral portion of the yoke (32, 33) pivoted relative to the rest of the yoke (32, 33).

13-19. (Canceled).

20. (Currently amended) A device for continuous or semicontinuous casting of metals, comprising a mould and an electromagnetic
brake, said mould having two opposing long sides and defining a casting
direction and said electromagnetic brake comprising [[two]] <u>first and</u>
second magnetic cores (25, 26; 27, 28) arranged on one said long side of
the mould (31) and permanently attached thereto, and a yoke (32, 33)
which is detachably connected to the [[two]] <u>first and second</u> magnetic
cores (25, 26; 27, 28), said yoke (32, 33) carrying at least one coil (36,
37), substantially between the [[two]] <u>first and second</u> magnetic cores
(25, 26; 27, 28) interconnected by the yoke (32, 33), wherein the coil
(36, 37) is substantially parallel to said one long side (29, 30) of the
mould (31), the <u>a</u> centre axis of the coil (36, 37) extends substantially
perpendicularly to said casting direction in the mould (31), and the

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magnetic cores (25, 26; 27, 28) cover substantially an entire width the long side of the mould (31), except for a center portion of the mould (31) thereof.

21-25. **(Cancel)**

- 26. (**Previously presented**) A device according to claim 10, wherein said two yoke parts are each generally L-shaped.
- 27. **(New)** A device for casting metals comprising a mould having two opposed long sides that define a downward casting direction, and an electromagnetic brake, said electromagnetic brake comprising:

first and second spaced magnetic cores permanently attached to an outer side of one of said long sides of said mould, and

a yoke which comprises first and second parts which are respectively detachably connected to said first and second magnetic cores, a third part positioned between said first and second parts, and a coil wrapped around said third part so that a center axis thereof extends substantially perpendicularly to said casting direction, said first and second parts each defining a ledge for providing a cradle on which the third portion can be downwardly positioned.